rom Kao)
Cetrimonium Chlonde (25% Dry)
(Quartamin © 60W25 from Kao)
Cetearyl alcohol (Kalcol © 6870
from Kao)

Example A product Perfume

Preservative



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9					
-continued			-continued		
COMPONENTS			Hair conditioner		
		- 5	COMPONENTS	HC1	HC2
Emal ® 227E from Kao) Jodium Cocoamphoacetate (40% Dry) Betadet ® SHC-2 from Kao)	7.5		ANALYSIS		
Example E product	3.5		Appearance	White	White
auryl hydroxysultune (45% Dry)	5.0			viscous	viscous emulsion
Betadet ® S-20 from Kao)		10	рН (100%)	4-6	4-6
Deic esterquat (80% Dry Matter)	0.5		Viscosity (cps) 20° C.	-5000	~5000
Tetranyl ® CO-40 from Kao)	2.0		% Dry matter	4 5–5 5	4.5-5.5
Pearling agent (Danox ® BF-22	3.0		Stability	OK	OK
rom Kao)	e.q				
Perfume	e.q.	15			
NaCl	e.q.		-		
Preservative ANALYSIS					
ANACTSIS			Manual dish	washing	
Арреагалсе	Pearled			MDI	MD3
-FF	viscous	20	COMPONENTS	MUI	1/11/2
	liquid		Desonized water	to 100	to 100
pH (100%)	6.0-6.5		Na Laurylethersulfate (70%	9.5	17.0
Viscosity (cps) 20° C	≈7000		Dry) (Emai ® 270E from Kao)	27 0	14 7
% Dry matter	19-21		Sodium C14-16 Olefin Sulfonate (37% Dry) (Alfanox ® 46	270	14.
Stability	OK	25	from Kao)		
			Cocoamidopropoxybetaine (34%	20	20
			Dry) (Betadet ® HR)		1.0
			Cocoamid DEA (Amidet ® B-112	1.0	10
			from Kao) Example E' product	2.0	20
Bath gel		30	NaCl	20	15
			Formaldehyde 40%	0.1	0.1
COMPONENTS		_	ANALYSIS		
Desonized water	to 100		4	Transparent	Transparen
Sodium Liuryl sulfate (27% Dry)	37.0		Appearance	VISCOUS	viscous
(Ernal ® 277 E from Kao)		35		hquid	liquid
Cocoamidopropoxybetaine (34% Dry)	10 0		pH (100%)	6.5-7.5	6.5-7.5
(Betadet ® HR from Kao)	2.5		Viscosity (cps) 20° C.	400–800 –6	400–800 –4
Example F product Perfume	0.5		Turbidity point (° C.) Dry matter	22-24	22-24
NaCl	0.5		Washed dishes	17	17
Preservative Kathon CG ®	. 0 05	40	0.11.	OK	ok
from Rohm & Haas	0.05				
EDTA.Na₂ ANALYSIS	0.03				
AVALISIS	_				
Appearance	Transparent viscous				
	liquid	45	45 All purpose cleaner		
рН (100%)	50-6.0	_			
Viscosity (cps) 20° C.	6000-8000	`	COMPONENTS		
Turbidity point (° C)	<0		Deignized water		to 100
% Dry matter	18-20 OK		Sodium C14-16 Olefin Sulfon.	ite	14.6
Stability		50	(37% Dry) (Alfanox ® 46 from	n Kao)	2.0
		٦,	Example E' product Tetrapotassium pyrophosphate		30
			Butylglycol		1.0
			EDTA.Na ₄		2.3
			Perfume		e.q
Hair conditioner	_	-	Preservative		e.q
COMPONENTS	HC1 HC2	5:	ANALYSIS		
			Appearance		Transparent
DCIOIII200 TIGHT	to 100 to 100 2.0 2.0		· ·		liquid
Propyleneglycol	20 20 19 —		pH (100%)		7.0–8.0 <10
Dioleic esteruat (80% Dry Matter) (Tetranyl ® CO-40	17	,	Viscosity (cps) 20° C 9		13.0-14.0
from Kao)		0	0 % Dry matter Stability		ок
Cerimonium Chloride (25% Dry)	6.0		· · · · · · · · · · · · · · · · · · ·		

6.0 3.0

0.5

c.q.

3.0

0.5

What is claimed is:

1. Composition comprising

(i) compounds represented by the following formula (I), wherein each of B1, B2 and B3 independently represent a group represented by the following formula (II):

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- (ii) compounds represented by the following formula (I), wherein two of B1, B2 and B3 independently represent a group represented by the following formula (II), the remainder representing H;
- (iii) compounds represented by the following formula (1), wherein one of B1, B2 and B3 represents a group represented by the following formula (11); the remainder representing H;
- (iv) compounds represented by the following formula (I), 10 wherein each of B1, B2 and B3 represent H; the weight ratio of the compounds (i)/(ii)/(iii) being 46 to 90/9 to 35/1 to 15:

Formula (I):

R' representing H or CH₃, and each of m, n, and 1 independently representing a number from 0 to 4, the 30 sum of m, n and 1 being in the range of 1 to 4;

Formula (II):

wherein R represents an alkyl or alkenyl group having 6 40 to 22 carbon atoms.

- 2. Composition according to claim 1, wherein the weight ratio of the compounds (i)/(ii)/(iii) is 60 to 83/16 to 35/1 to 6
- 3. Composition according to claim 1, wherein R' in 45 formula (1) represents H.
- 4. Composition according to claim 1, wherein the sum of m, n and 1 in formula (I) is in the range of 1.5 to 3.0.
 - 5. Composition comprising
 - (i) compounds represented by the following formula (1), wherein each of B1, B2 and B3 independently represent a group represented by the following formula (II):
 - (ii) compounds represented by the following formula (I), 55 wherein two of B1, B2 and B3 independently represent a group represented by the following formula (II), the remainder representing H;
 - (iii) compounds represented by the following formula (I), wherein one of B1, B2 and B3 represents a group represented by the following formula (II); the remainder representing H;
 - (iv) compounds represented by the following formula (1), wherein each of B1, B2 and B3 represent H; the weight ratio of the compounds (i)/(ii)/(iii) heing 60 to 83/16 to 35/1 to 6:

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Formula (I):

R' representing H, and each of m, n, and I independently representing a number from 0 to 4, the sum of m, n and I being in the range of 1.5 to 3.0;

Formula (II):

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wherein R represents an alkyl or alkenyl group having 6 to 22 carbon atoms.

- 6. Composition according to claim 5, wherein the sum of m, n and l in formula (I) is smaller than 2.
- 7. Composition according to claim 5, wherein the weight ratio (i)+(ii)+(iii)/(iv) is in the range of 85/15 to 40/60.
- 8. Method for the preparation of a composition comprising
- (i) compounds represented by the following formula (I), wherein each of B1, B2 and B3 independently represent a group represented by the following formula (II);
- (ii) compounds represented by the following formula (I), wherein two of B1, B2 and B3 independently represent a group represented by the following formula (II), the remainder representing H;
- (iii) compounds represented by the following formula (I), wherein one of B1, B2 and B3 represents a group represented by the following formula (II); the remainder representing H;
- (1v) compounds represented by the following formula (I), wherein each of B1, B2 and B3 represent H, the weight ratio of the compounds (i)/(ii)/(iii) being 46 to 90/9 to 35/1 to 15:

Formula (I):

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R' representing H or CH₃, and each of m. n, and l independently representing a number from 0 to 4, the sum of m, n and l being in the range of 1 to 4;

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 (ΠI)

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Formula (II):

to 22 carbon atoms;

wherein R represents an alkyl or alkenyl group having 6

the method compnsing the following steps:

 a) subjecting a mixture of glycerine and a compound of the following formula (III) to an interesterification reaction:

wherein R represents an alkyl or alkenyl group having 6 to 22 carbon atoms, and

- b) subjecting the reaction mixture obtained in step a) to an alkoxylation using an alkylene oxide having 2 or 3 30 carbon atoms in the presence of an alkaline catalyst.
- Method for the preparation of a composition comprising
 - (i) compounds represented by the following formula (I), wherein each of B1, B2 and B3 independently represent a group represented by the following formula (II);
 - (ii) compounds represented by the following formula (I), wherein two of B1, B2 and B3 independently represent a group represented by the following formula (II), the 40 remainder representing H;
 - (iii) compounds represented by the following formula (I), wherein one of B1, B2 and B3 represents a group represented by the following formula (II); the remainder representing H;
 - (iv) compounds represented by the following formula (I), wherein each of B1, B2 and B3 represent H; the weight ratio of the compounds (i)/(ii)/(iii) being 46 to 90/9 to 35/1 to 15:

Formula (I):

R' representing H or CH₃, and each of m, n, and I 65 independently representing a number from 0 to 4, the

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Formula (II):

wherein R represents an alkyl or alkenyl group having 6 to 22 carbon atoms;

the method comprising the following steps:

- a') reacting a mixture of glycerine and alkylene oxide having 2 or 3 carbon atoms in the presence of an alkaline catalyst, and
- b') reacting the reaction mixture obtained in step a') with a compound of the following formula (IV):

wherein R represents an alkyl or alkenyl group having 6 to 22 carbon atoms, and X represents a methyl group or H.

- 10. Detergent composition containing a composition comprising the following compounds (i) to (iv) in an amount of 0.5 to 20 wt.-%.
 - (i) compounds represented by the following formula (I), wherein each of B1, B2 and B3 independently represent a group represented by the following formula (II);
 - (ii) compounds represented by the following formula (I), wherein two of B1, B2 and B3 independently represent a group represented by the following formula (Π), the remainder representing H;
 - (iii) compounds represented by the following formula (I), wherein one of B1, B2 and B3 represents a group represented by the following formula (II); the remainder representing H;
 - (iv) compounds represented by the following formula (I), wherein each of Bi, B2 and B3 represent H; the weight ratio of the compounds (i)/(ii)/(iii) being 46 to 90/9 to 35/1 to 15:
- 50 Formula (I):

R' representing H or CH₃, and each of m, n, and l independently representing a number from 0 to 4, the

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Formula (II):

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wherein R represents an alkyl or alkenyl group having 6 to 22 carbon atoms.

- 11. Detergent composition containing a composition comprising the following compounds (i) to (1v) in an amount of 1 to 8 wt.-%.
 - (i) compounds represented by the following formula (I). wherein each of B1, B2 and B3 independently represent a group represented by the following formula (II): 15
 - (ii) compounds represented by the following formula (II) wherein two of B1, B2 and B3 independently represent a group represented by the following formula (II), the remainder representing H;
 - (iii) compounds represented by the following formula (I), wherein one of B1, B2 and B3 represents a group represented by the following formula (II), the remainder representing H;
 - (1v) compounds represented by the following formula (I). wherein each of B1, B2 and B3 represent H; the weight ratio of the compounds (i)/(ii)/(iii) being 60 to 83/16 to 35/1 to 6:

Formula (I):

R' representing H, and each of m, n, and 1 independently representing a number from 1 to 4, the sum of m, n and 1 being in the range of 1.5 to 3.0;

Formula (II):

wherein R represents an alkyl or alkenyl group having 6 to 22 carbon atoms.

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